

Notice of Allowability

Application No.

09/927,427

Examiner

Tamara Teslovich

Applicant(s)

HOWARD ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's Request for Continued Examination filed October 11, 2006.
2. ☒ The allowed claim(s) is/are 1-31, and 33-42.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 11/06/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EMMANUEL L. MOISE
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

This action is in response to the Applicant's Request for Continued Examination filed on October 6, 2006.

Applicant has canceled claims 32, 43, and 44. Claims 1, 3-7, 10-11, 13-17, 20-21, 23-27, 30-31, and 34-42 have been amended. Claims 1-31 and 33-42 are pending and herein considered.

Response to Arguments

Applicant's arguments filed October 6, 2006 have been fully considered and are persuasive. Applicant's amendments to claims 1, 3-7, 10-11, 13-17, 20-21, 23-27, 30-31, and 34-42 serve to overcome the previously given 35 U.S.C. § 101, 112, and 102(a) Rejections. The newly amended claims comprise allowable subject matter, finding clear support in the specifications and containing no new matter.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kasey Christie on January 19, 2007.

The application has been amended as follows:

Please amend claims 1, 11, 21 and 31 in accordance with the Examiner's amendments included as pages 3-5 of this office action and entitled "Amendment to Claims."

Amendment to Claims

As per claim 1:

Please strike the word "substantially" from line 17.

As per claim 11:

Please strike the word "substantially" from line 17.

As per claim 21:

Please strike the word "substantially" from line 22.

As per claim 31:

Please strike the word "substantially" from line 12.

Allowable Subject Matter

Claims 1-31, and 33-42 are allowed.

The following is an examiner's statement of reasons for allowance:

The present invention is directed to a system, method and device for modeling an application's potential security threats at a logical component level early in the design phase of the application wherein multiple model components are defined to represent respective logical elements of the application. Each independent claim identifies the uniquely distinct features of in response to user inputs, interconnecting subsets of model components to form a logical model of the application and then analyzing those model components to group together similar threats, changing the manner in which the components are displayed to the user in response to their particular needs and selections. The closest prior art, Nerurkar ("*Security Analysis & Design*") discloses in a computer system, a method for providing application security threat-modeling, the method comprising providing class definitions for a plurality of model components to represent respective elements of an application. Nowhere does Nerurkar teach responsive to user input, selecting particular components of the subset to compare to other components in order to change the manner in which the components are displayed based upon the user's selection. The prior art, either singularly or in combination fails to anticipate or render obvious the present invention and its limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tamara Teslovich whose telephone number is (571) 272-4241. The examiner can normally be reached on Mon-Fri 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



T. Teslovich